

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---------------------------------|------------------|---------|---------------------|
| L2 | 2 | "6255031".pn. or "7381518".pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:02 |
| L3 | 1 | 2 and (surfactant or surface-active adj agent) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:02 |
| L4 | 2 | "6255031".pn. or "20020127395".pn. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:02 |
| L5 | 1 | 3 and (surfactant or surface-active adj agent) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:02 |
| L6 | 0 | 4 and (surfactant or surface-active adj agent) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:03 |
| L7 | 0 | (infrared near film) with (surfactant or surface-active adj agent) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:03 |
| L8 | 0 | (infrared adj film) with (surfactant or surface-active adj agent) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:03 |
| L9 | 304 | (infrared adj film) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:03 |
| L10 | 64 | 9 and (surfactant or surface-active adj agent) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:04 |
| L11 | 3 | 9 and (dye with (surfactant or surface-active adj agent)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:04 |
| L12 | 45 | 9 and (dye and (surfactant or surface-active adj agent)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:05 |

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|-----|--------|--|---------------------------------|-----|----|---------------------|
| L17 | 28 | 12 and @pd<"20040811" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:05 |
| L18 | 0 | "6531230".pn. and HLB | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:10 |
| L19 | 0 | "6531230".pn. and HLB | US-PGPUB; USPAT; EPO; JPO | ADJ | ON | 2009/11/20 07:10 |
| L20 | 361458 | (surfactant or (surface-active adj agent) or (surgace adj active adj agent)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:15 |
| L21 | 484 | (surfactant or (surface-active adj agent) or (surface adj active adj agent)) with (HLB or (hydrophil\$2 adj lipophil\$2 adj balance)) with (mass or percent) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:16 |
| L22 | 0 | 9 and 21 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:16 |
| L23 | 214 | film and 21 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:16 |
| L24 | 32 | 23 and (infrared) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:16 |
| L25 | 16 | 24 and (dye or colorant or (heat adj conversion adj material)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:17 |
| L26 | 1 | 25 and @pd<"20040811" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:17 |
| L27 | 231 | 9 and @pd<"20040811" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:22 |
| L28 | 42 | 10 and @pd<"20040811" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:22 |

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|-----|-------|---|---------------------------------|----|----|---------------------|
| L29 | 13712 | (surfactant or (surface-active adj agent) or (surface adj active adj agent)) with (HLB or (hydrophil\$2 adj lipophil\$2 adj balance)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:23 |
| L30 | 0 | 9 and 29 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:23 |
| L31 | 7122 | (film or filter) and 29 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:23 |
| L32 | 663 | 31 and infrared | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:24 |
| L33 | 256 | 32 and @pd<"20040811" | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:24 |
| L34 | 0 | "430".ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:24 |
| L35 | 1341 | "430/7.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:24 |
| L36 | 0 | 33 and 35 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:24 |
| L37 | 182 | 33 and (absorb\$5) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:25 |
| L38 | 127 | 37 and (substrate or support) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:25 |
| L39 | 17 | 37 and (transparent with (substrate or support)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/11/20 07:25 |
| S1 | 156 | (film) and (dye) and infrared and (surfactant with (HLB)) and (mass or weight or percentage) and (resin or binder) and substrate | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:18 |

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|-----|-------|--|---------------------------------|----|----|---------------------|
| S2 | 2 | S1 and (absorption adj film) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:20 |
| S3 | 107 | S1 and (absorption) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:24 |
| S4 | 33987 | (silicone or fluorine) with (surfactant or (surface adj active adj agent)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:25 |
| S5 | 1 | (silicone or fluorine) with (diimmonium adj salt) with (surfactant or (surface adj active adj agent)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:25 |
| S6 | 0 | (silicone or fluorine) with (dimmonium adj salt) with (surfactant or (surface adj active adj agent)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:26 |
| S7 | 89 | (silicone or fluorine) with (surfactant or (surface adj active adj agent)) and diimmonium | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:26 |
| S8 | 89 | S4 and S7 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:26 |
| S9 | 5 | S8 and (transparent adj (film or support or substrate)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:27 |
| S10 | 2 | S1 and S7 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:33 |
| S11 | 82 | S1 and S4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:34 |
| S12 | 18 | S11 and (transparent adj (film or support or substrate)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:34 |
| S13 | 304 | (absorption adj film) with infrared | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:50 |
| S14 | 3 | S13 and ((surfactant or (surface adj active adj agent)) with HLB) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 15:50 |

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|-----|------|---|---------------------------|----|-----|------------------|
| S15 | 1 | ((("2002127395") or ("6255031")).PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/09 15:54 |
| S16 | 2 | ((("20020127395") or ("6255031")).PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/09 15:54 |
| S17 | 1 | ("20060257760").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/09 16:33 |
| S18 | 0 | ("L17and(substratewithresin").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/09 16:33 |
| S19 | 1 | S17 and (substrate with resin) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 16:33 |
| S20 | 5283 | (absorption or absorbing) adj film | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 17:48 |
| S21 | 274 | S20 and (infrared) and solvent and ketone | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 17:49 |
| S22 | 2169 | solvent with ketone with (concentration or mass) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 17:49 |
| S23 | 6 | S21 and S22 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 17:49 |
| S24 | 0 | (film) with ((remain%3) adj (solvent or solution)) with (mass or concentration) and infrared | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 18:06 |
| S25 | 41 | (film) with ((remain\$3) adj (solvent or solution)) with (mass or concentration) and infrared | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/04/09 18:06 |

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